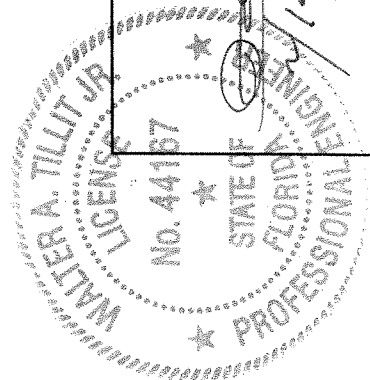


GENERAL NOTES:

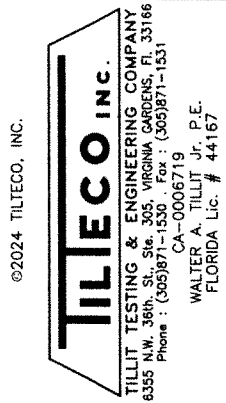
1. MODELS PTG-42MD (PTAC) & VTG-30MD (VTAC) ALUMINUM LOUVER SYSTEMS SHOWN ON THIS PRODUCT EVALUATION DOCUMENT (P.E.D.) HAVE BEEN VERIFIED FOR COMPLIANCE IN ACCORDANCE WITH THE **2023 (8th EDITION)** OF THE FLORIDA BUILDING CODE. THESE PRODUCTS MAY BE INSTALLED WITHIN HIGH VELOCITY HURRICANE ZONES (HVHZ) OR OUT OF IT.
- DESIGN WIND LOADS SHALL BE DETERMINED AS PER SECTIONS **1620 & 1609** OF THE ABOVE MENTIONED CODE, USING **ASCE 7-22** STANDARD, AND SHALL NOT EXCEED THE MAXIMUM (A.S.D.) DESIGN PRESSURE RATING INDICATED ON THIS SHEET.
- IN ORDER TO VERIFY THE ABOVE CONDITION, ULTIMATE DESIGN WIND LOADS DETERMINED PER **ASCE 7-22** SHALL BE FIRST REDUCED TO A.S.D. DESIGN WIND LOADS BY MULTIPLYING THEM BY 0.6 IN ORDER TO COMPARE THESE W/MAX. (A.S.D.) DESIGN PRESSURE RATINGS INDICATED BELOW.
- MAXIMUM A.S.D. DESIGN PRESSURE RATING**
+150.0, -150.0 psf.
LARGE MISSILE IMPACT RESISTANCE
- PRODUCT'S VERIFICATION FOR IMPACT AND FATIGUE RESISTANCE HAS BEEN VERIFIED IN ACCORDANCE WITH SECTIONS 1626 & 1609.1.2 OF THE ABOVE MENTIONED CODE AS PER AMERICAN TESTING LAB OF SOUTH FLORIDA **REPORT #0202.01-23 ,PER TAS-201, TAS-202 & TAS-203 PROTOCOLS**, AS WELL AS PER ANSI/AMCA IMPACT STANDARD 540, AND AS PER SUBMITTED STRUCTURAL CALCULATIONS, PERFORMED AS PER SECTIONS 1616 & 1604 OF THE ABOVE MENTIONED BUILDING CODE.
2. ALL ALUMINUM EXTRUSIONS SHALL BE 6063-T6 ALLOY (UNLESS OTHERWISE NOTED).
3. ALL SCREWS TO BE STAINLESS STEEL 304 OR 316 SERIES WITH 50 KSI YIELD STRENGTH AND 90 KSI TENSILE STRENGTH OR CORROSION RESISTANT CARBON STEEL AS PER DIN 50018 AND SHALL COMPLY WITH FLORIDA BUILDING CODE SECTION 2411.3.3.4.
4. ALL WELDING OF ALUMINUM FRAMING SHALL BE IN ACCORDANCE WITH THE AMERICAN WELDING SOCIETY A.W.S. D.1.2 REGULATIONS. USE CERTIFIED WELDERS. USE ER-5356 ELECTRODES.
5. ANCHOR REQUIREMENTS FOR FRAMING EMBEDMENT AND EDGE DISTANCE ARE BEYOND ANY FINISH.
- (A) TO EXISTING MIN. 0.090" THICK ALUMINUM (6063-T5 ALLOY) W/MIN. EDGE DISTANCE (E.D.) = 1/2".
- 1/4"Ø x 1", AS MANUFACTURED BY ITW BUILDEX.
- (B) ANCHORS SHALL BE INSTALLED FOLLOWING ALL OF THE RECOMMENDATIONS AND SPECIFICATIONS OF THE ANCHOR'S MANUFACTURER.
6. PRODUCTS ARE NOT APPROVED FOR WATER INFILTRATION, HOWEVER PTAC & VTAC UNITS INSTALLED BEHIND THEM SHALL BE APPROVED FOR WATER INFILTRATION RESISTANCE.
7. ALL ALUMINUM EXTRUSIONS IN CONTACT WITH DISSIMILAR MATERIALS SHALL COMPLY WITH SECTION III-6 OF THE ALUMINUM DESIGN MANUAL 2015 & 2020 EDITION.
8. SUBSTRATE MATERIAL NOTED ON THIS DRAWING AS EXISTING BY OTHERS, MUST WITHSTAND THE LOADS IMPOSED BY THIS PRODUCT. MIN. ALLOY REQUIRED IS 6063-T5.
9. THIS PRODUCT'S INSTALLATION SHALL COMPLY WITH ALL SPECS INDICATED IN THIS DRAWING PLUS ANY BUILDING AND ZONING REGULATIONS PROVIDED BY THE JURISDICTION WHERE PERMIT IS APPLIED TO.

10. (a) THIS P.E.D. PREPARED BY THIS ENGINEER IS GENERIC AND DOES NOT PROVIDE INFORMATION FOR A SITE SPECIFIC PROJECT; i.e. WHERE THE SITE CONDITIONS DEVIATE FROM THE P.E.D.
- (b) CONTRACTOR TO BE RESPONSIBLE FOR THE SELECTION, PURCHASE AND INSTALLATION INCLUDING LIFE SAFETY OF THIS PRODUCT, BASED ON THIS P.E.D., PROVIDED HE/SHE DOES NOT DEVIATE FROM THE CONDITIONS DETAILED ON THIS DOCUMENT. CONSTRUCTION SAFETY AT SITE IS THE CONTRACTOR'S RESPONSIBILITY.
- (c) THIS P.E.D. WILL BE CONSIDERED INVALID IF ALTERED BY ANY MEANS.
- (d) SITE SPECIFIC PROJECTS SHALL BE PREPARED BY A PROFESSIONAL ENGINEER OR ARCHITECT WHICH WILL BECOME THE ENGINEER OF RECORD (E.O.R.) FOR THE PROJECT AND WHO WILL BE RESPONSIBLE FOR THE PROPER USE OF THE P.E.D. ENGINEER OF RECORD, ACTING AS A DELEGATED ENGINEER TO THE P.E.D. ENGINEER, SHALL SUBMIT TO THIS LATTER THE SITE SPECIFIC DRAWINGS FOR REVIEW.
- (e) ORIGINAL P.E.D. SHALL BEAR THE DATE AND ORIGINAL SEAL AND SIGNATURE OF THE PROFESSIONAL ENGINEER OF RECORD THAT PREPARED IT.
11. PRODUCT MANUFACTURER'S LABEL SHALL BE LOCATED ON A READILY VISIBLE LOCATION AT PRODUCT IN ACCORDANCE WITH SECTION 1703.5 OF THE FLORIDA BUILDING CODE. ONE LABEL SHALL BE PLACED FOR EVERY OPENING.

THIS DRAWING SHALL ONLY BE USED TO
OBTAIN PERMITS IN THE STATE OF FLORIDA



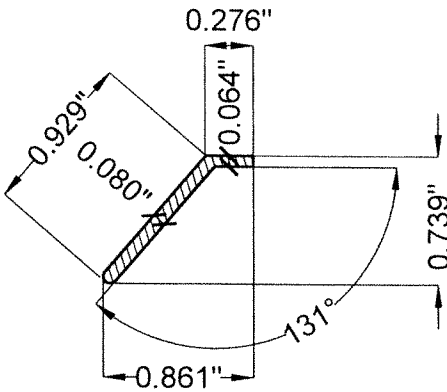
FLORIDA BUILDING CODE (HIGH & NON HIGH VELOCITY HURRICANE ZONE)	
W.H. DRAWN BY:	MODELS PTG-42MD (PTAC) & VTG-30MD (VTAC) ALUMINUM BLADE LOUVER SYSTEMS. (L.M.I.)
DATE:	02/07/2024
DRAWING No.	24-015
SHEET 1 OF 12	
UNITED ENERTECH HOLDINGS, LLC 159 GENCO DRIVE HARTFORD, AL 36344 PHONE: (423)698-7715 FAX: (423)698-6629	
REV. NO.	DESCRIPTION
1	
2	



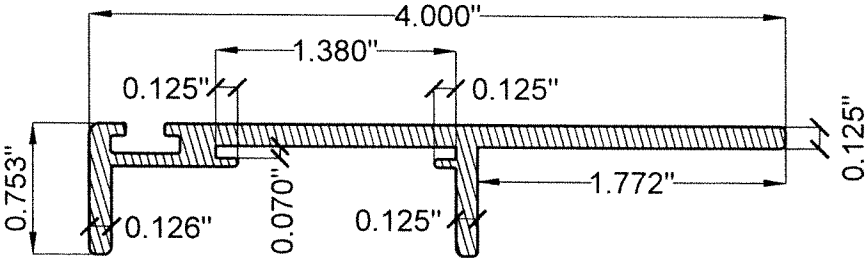
P.E. SEAL/SIGNATURE/DATE
Walter A. Tillit Jr.
1/4/2024

BILL OF MATERIALS MODEL PTG-42MD (PTAC) BLADE SYSTEM: INSIDE-FLUSH MOUNT

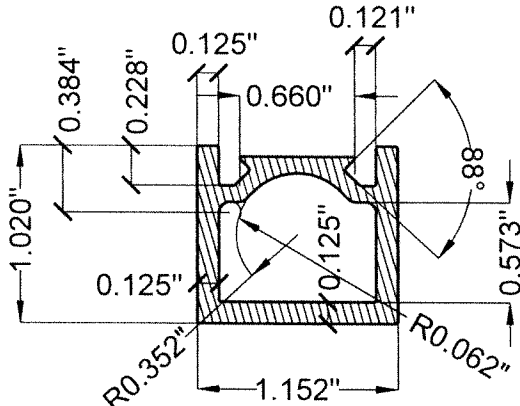
COMPONENT #	DESCRIPTION	MATERIAL	NOTES	LOUVER SYSTEM
①	PTAC - BLADE	6063-T6 ALUMINUM ALLOY/TEMPER	WELDED TO 5. NOTCHED AT EA 1 LOCATION. (SEE SECTION Y-Y ON SHEET 4)	PTAC
③	CHANNEL FRAME INSIDE-FLUSH MOUNT	6063-T6 ALUMINUM ALLOY/TEMPER	ALL AROUND, FASTENED W/⑦	PTAC
④	TUBE SUPPORT	6063-T6 ALUMINUM ALLOY/TEMPER	INSTALLED VERTICALLY & WELDED TO ③	PTAC
⑤	BRACE BAR	6063-T6 ALUMINUM ALLOY/TEMPER	INSTALLED VERTICALLY	PTAC
⑥	LG CORNER LUG ANGLES	6063-T6 ALUMINUM ALLOY/TEMPER	USE (4) EACH UNIT	PTAC
⑦	1/4-14 X 1" TEK SCREWS	401 S.S.	MANUFACTURED BY ITW/BUILDEX	PTAC
⑧	1/8" POP RIVET	S.S.	USE (2)⑧ ⑥ (VERT. LEG) TO ③	PTAC



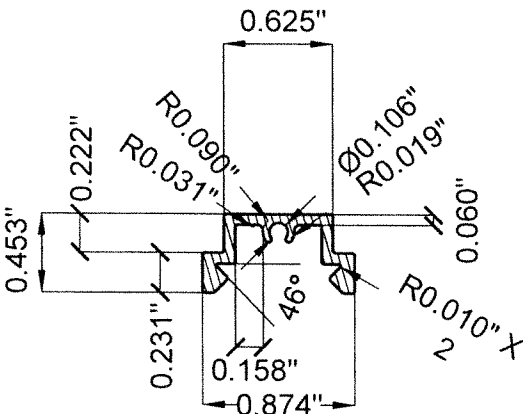
① PTAC BLADE
ALLOY 6063-T6 ALUM



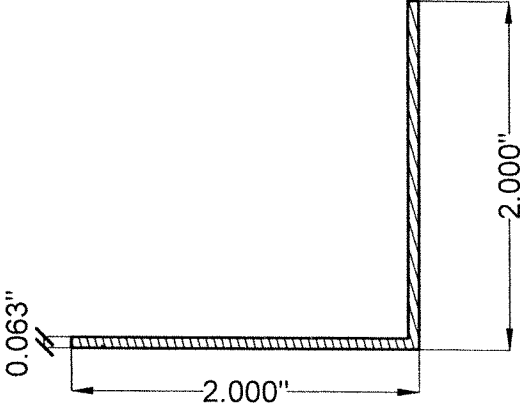
③ CHANNEL FRAME: INSIDE-FLUSH MOUNT
ALLOY 6063-T6 ALUM



④ TUBE SUPPORT
ALLOY 6063-T6 ALUM

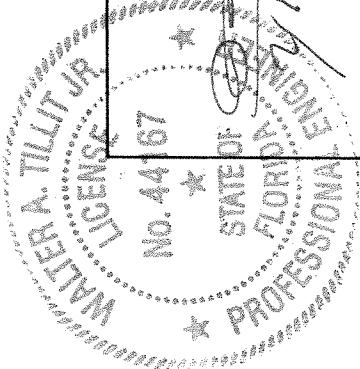


⑤ BRACE BAR
ALLOY 6063-T6 ALUM



⑥ LG CORNER LUG ANGLES
2" X 2" X 0.063" X 1.313"
ALLOY 6063-T6 ALUM

COMPONENTS:
MODEL PTG-42MD (PTAC)
BLADE SYSTEM
SCALE: N.T.S



FLORIDA BUILDING CODE (HIGH & NON HIGH VELOCITY HURRICANE ZONE)

W.H. BY: DATE: 02/07/2024

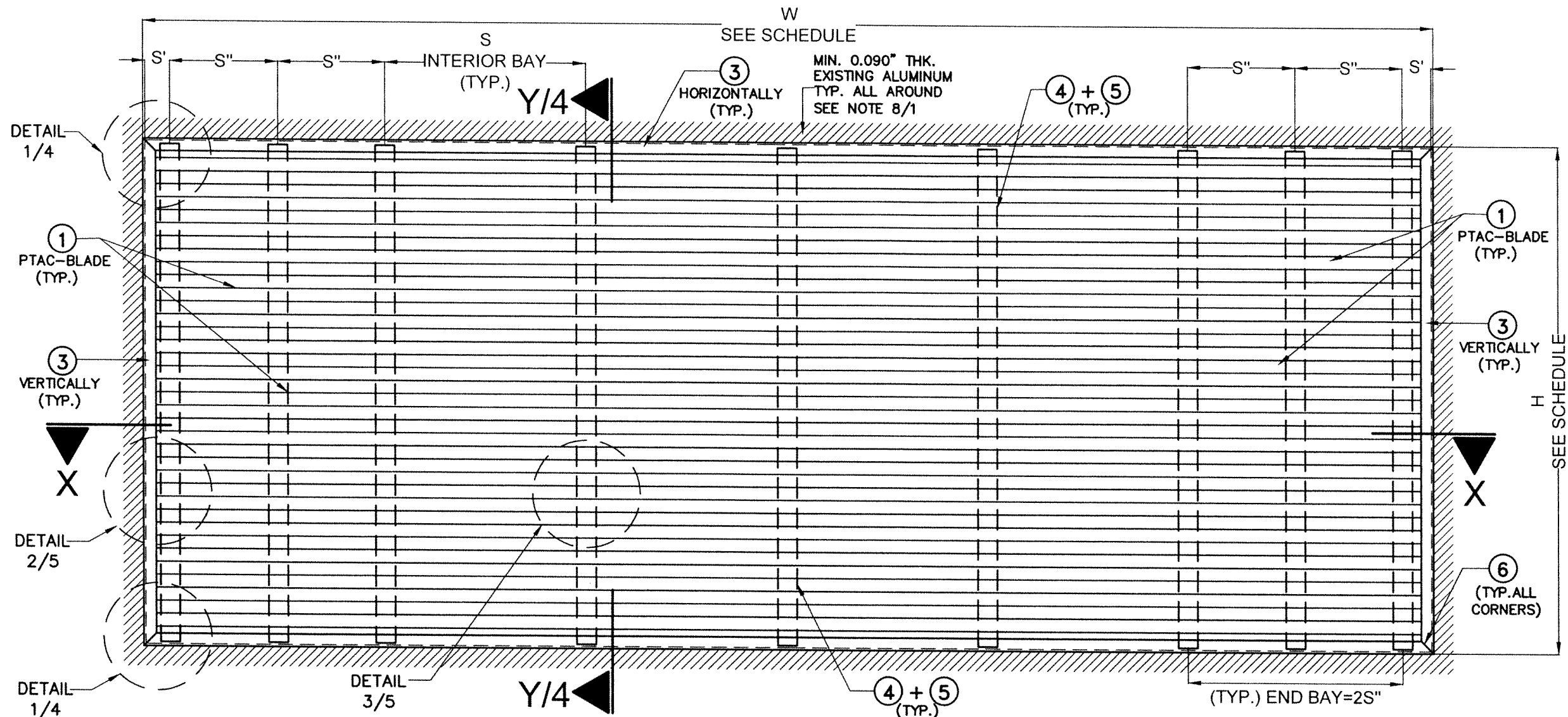
24-015 DRAWING NO. SHEET 2 OF 12

MODELS PTG-42MD (PTAC) & VTG-30MD (VTAC) ALUMINUM BLADE LOUVER SYSTEMS. (L.M.I.)

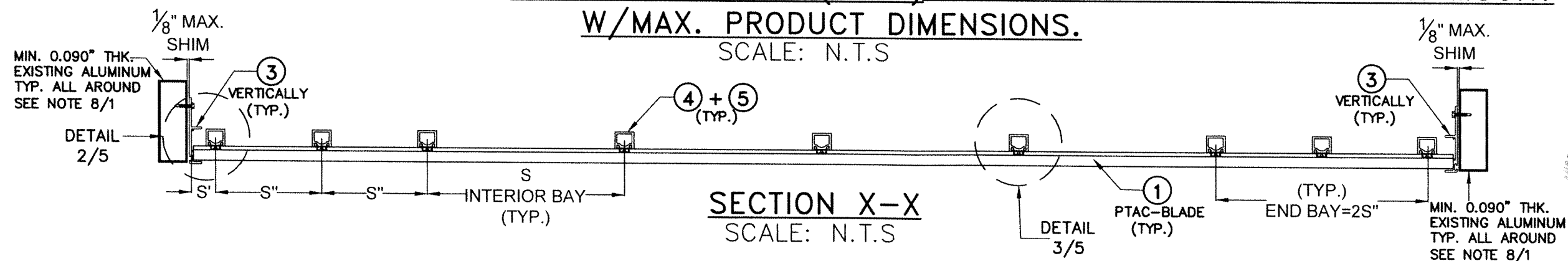
UNITED ENERTECH HOLDINGS, LLC
159 GENCO DRIVE
HARTFORD, AL 36344
PHONE: (423)698-7715 FAX: (423)698-6629

REV. NO. DESCRIPTION DATE REV. NO. DESCRIPTION DATE

1 2



TYPICAL ELEVATION FOR MODEL PTG-42MD (PTAC) BLADE SYSTEM: INSIDE-FLUSH MOUNT
W/MAX. PRODUCT DIMENSIONS.
 SCALE: N.T.S



SECTION X-X
 SCALE: N.T.S

MODEL PTG-42MD (PTAC) MAX. DIMENSIONS SCHEDULE

CASE	W	H	S	S'	S''
MAX.	80"	30 1/4"	13"	1 11/16"	6 3/4"

LEGEND:

- S= TYPICAL MAX ④ + ⑤ INTERIOR SPACING FAR FROM ENDS BAYS
- S'= TYPICAL MAX ④ + ⑤ FIRST/LAST DISTANCE TO JAMBS ③
- S''= TYPICAL MAX ④ + ⑤ SPACING AT END BAYS.

FLORIDA BUILDING CODE (HIGH & NON HIGH VELOCITY HURRICANE ZONE)

W.H. DRAWN BY: 02/07/2024 DATE:

MODELS PTG-42MD (PTAC) & VTG-30MD (VTAC) ALUMINUM BLADE LOUVER SYSTEMS. (L.M.I.)

UNITED ENERTECH HOLDINGS, LLC

159 GENCO DRIVE HARTFORD, AL 36344

PHONE: (423)698-7715 FAX: (423)698-6629

24-015 DRAWING NO.

3 OF 12 SHEET

REV. NO	DESCRIPTION	DATE	REV. NO	DESCRIPTION	DATE
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2			4		

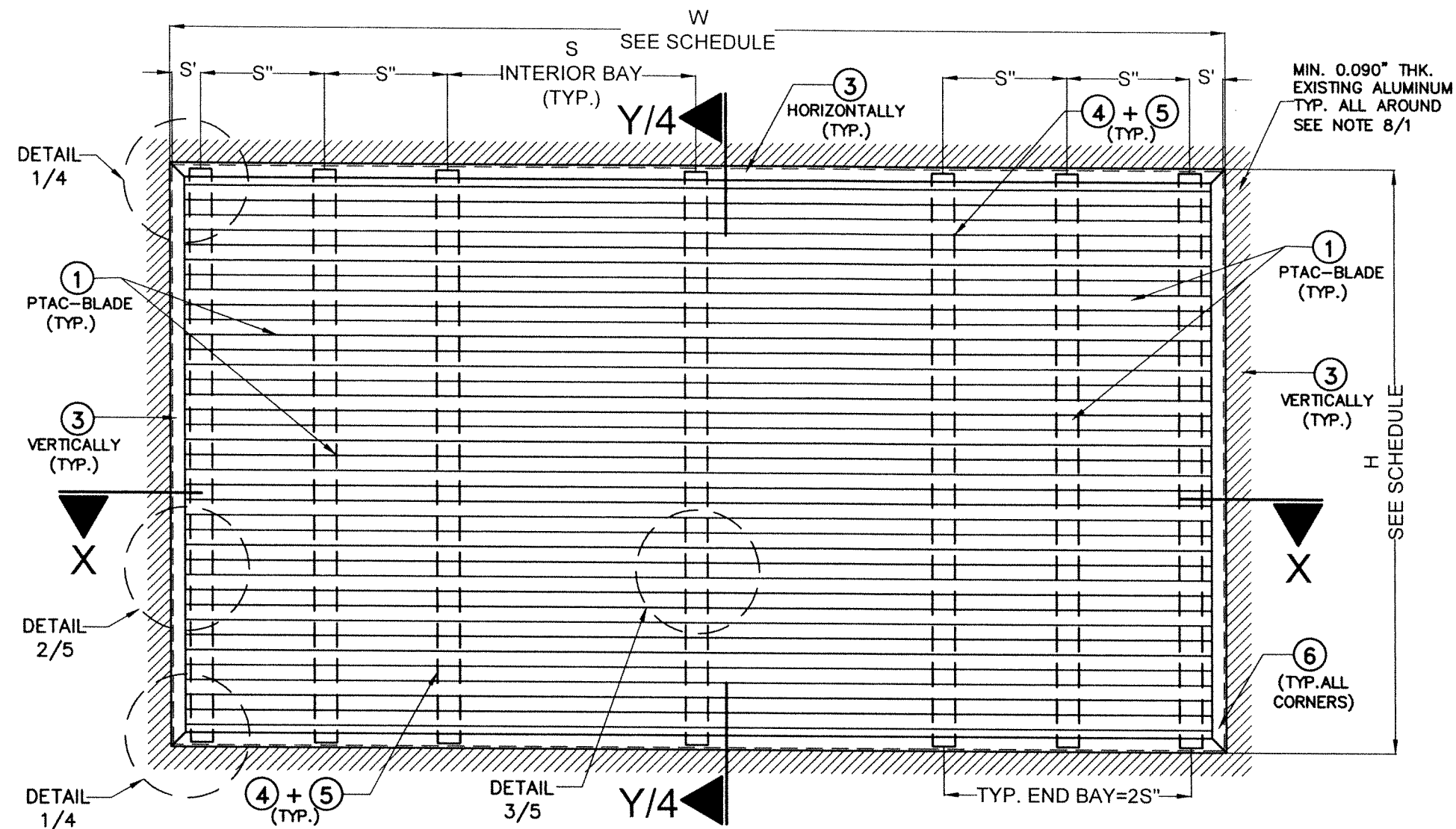
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TILTECO INC.

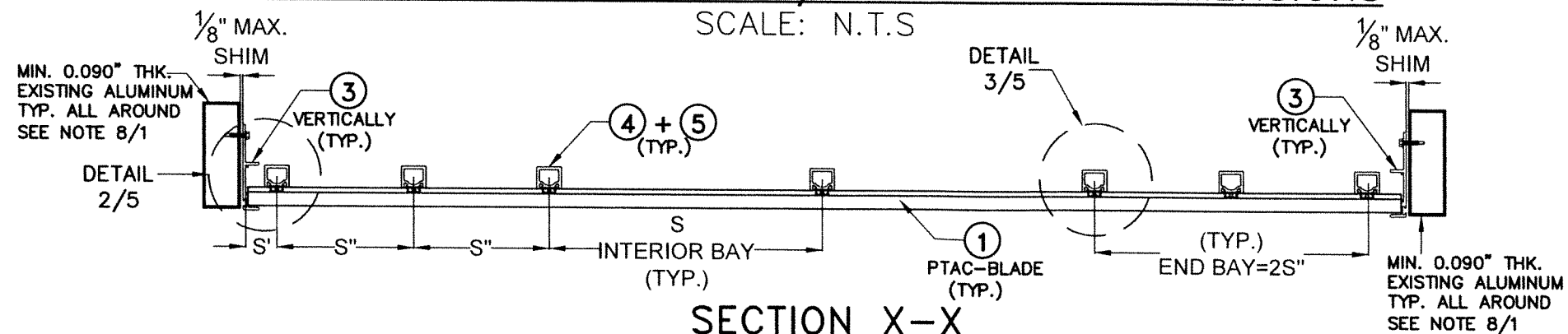
TILLIT TESTING & ENGINEERING COMPANY
 6355 N.W. 36th St., Ste. 305, VIRGINIA GARDENS, FL 33166
 Phone: (305)871-1530 Fax: (305)871-1531
 CA-0006719
 WALTER A. TILLIT Jr., P.E.
 FLORIDA Lic. # 44167

P.E. SEAL/SIGNATURE/DATE

[Signature]



**TYPICAL ELEVATION FOR MODEL PTG-42MD (PTAC) BLADE SYSTEM:
INSIDE-FLUSH MOUNT W/MIN. PRODUCT DIMENSIONS**



SECTION X-X
SCALE: N.T.S

MODEL PTG-42MD (PTAC) MIN. DIMENSIONS SCHEDULE

CASE	W	H	S	S'	S''
MIN.	42 1/4"	16 1/4"	10 1/8"	1"	4 1/8"

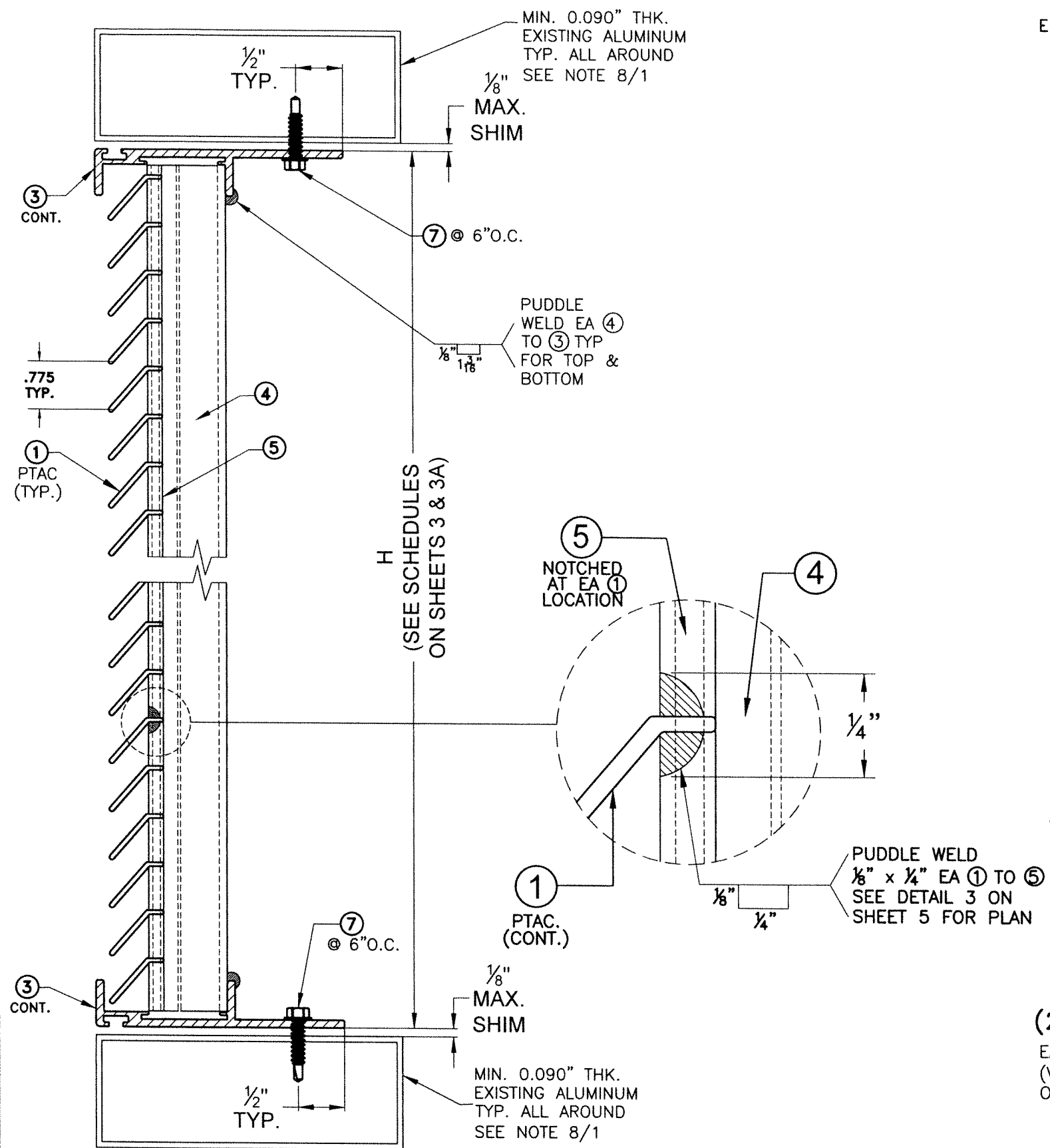
LEGEND:	
S=	TYPICAL MIN. (4) + (5) INTERIOR SPACING FAR FROM ENDS BAYS
S'=	TYPICAL MIN. (4) + (5) FIRST/LAST DISTANCE TO JAMBS (3)
S''=	TYPICAL MIN. (4) + (5) SPACING AT END BAYS.

FLORIDA BUILDING CODE (HIGH & NON HIGH VELOCITY HURRICANE ZONE)

©2024 TILTECO, INC.		MODELS PTG-42MD (PTAC) & VTG-30MD (VTAC) ALUMINUM BLADE LOUVER SYSTEMS. (L.M.I.)		W.H. DRAWN BY:				
TILTECO INC. TILLIT TESTING & ENGINEERING COMPANY 355 N.W. 38th St., Fort Lauderdale, FL 33366 Phone : (305)871-1531 Fax : (305)871-1531		UNITED ENERTECH HOLDINGS, LLC		02/07/2024 DATE:				
		159 GEMCO DRIVE HARTFORD, AL 36344 PHONE: (423)698-7715 FAX: (423)698-6629		24-015 DRAWING No.				
		REV. NO	DESCRIPTION	DATE	REV. No	DESCRIPTION	DATE	
		1	-	-	3	-	-	
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		WALTER A. TILLIT JR. P.E. FLORIDA Lic. # 44167					SHEET 3A OF 12	

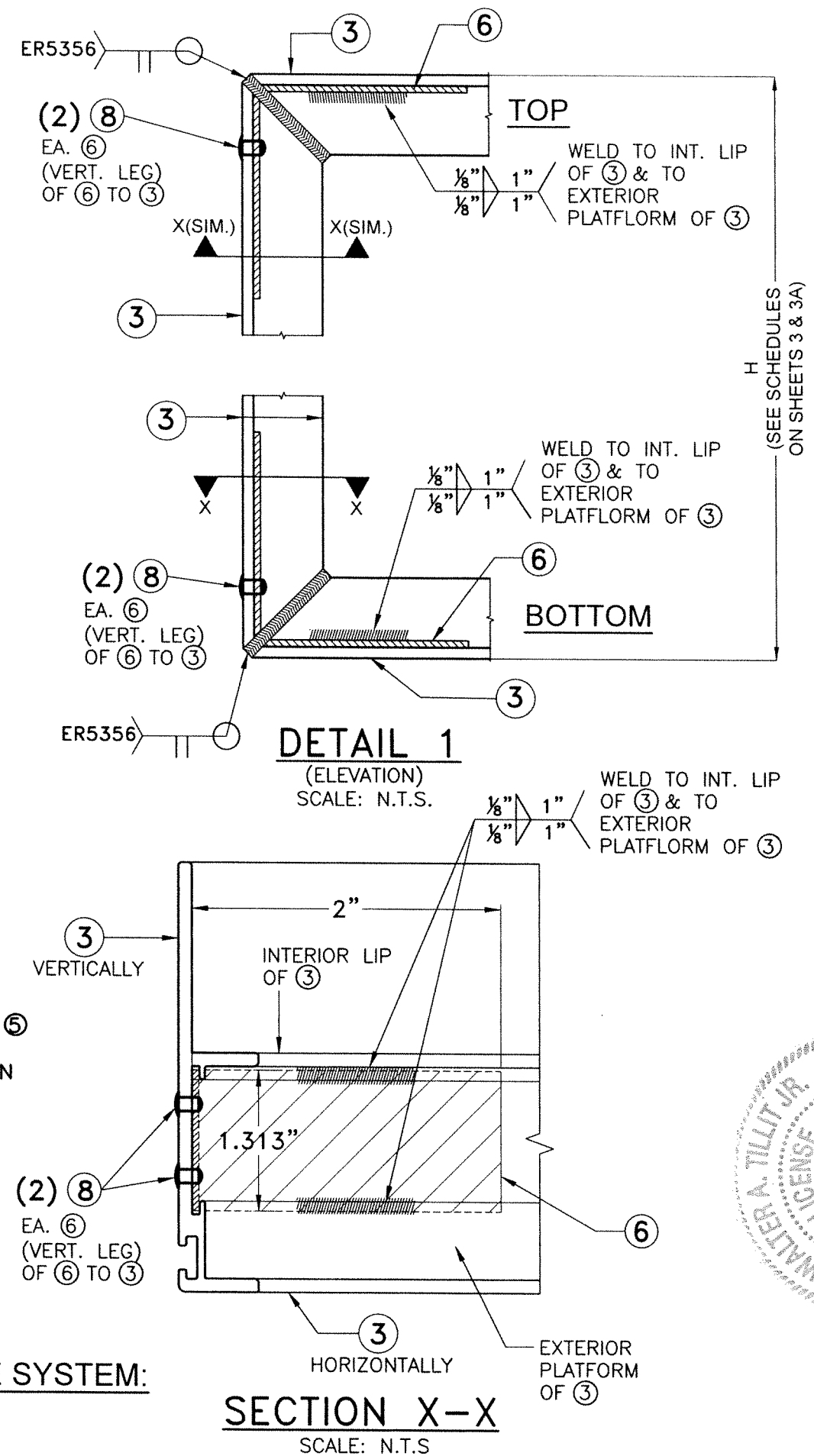
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TILTECO INC.
TILLIT TESTING & ENGINEERING COMPANY
6355 N.W. 36th St., Ste. 305, VIRGINIA GARDENS, FL 33166
Phone: (305)871-1530 Fax: (305)871-1531
CA-0006719
WALTER A. TILLIT Jr., P.E.
FLORIDA LIC. # 44167

P.E. SEAL/SIGNATURE/DATE



SECTION Y-Y
SCALE: N.T.S.

MODEL PTG-42MD (PTAC) BLADE SYSTEM:
INSIDE-FLUSH MOUNT



SECTION X-X
SCALE: N.T.S

FLORIDA BUILDING CODE (HIGH & NON HIGH VELOCITY HURRICANE ZONE)

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**MODELS PTG-42MD (PTAC) & VTG-30MD (VTAC)
ALUMINUM BLADE LOUVER SYSTEMS. (L.M.I.)**

UNITED ENERTECH HOLDINGS, LLC

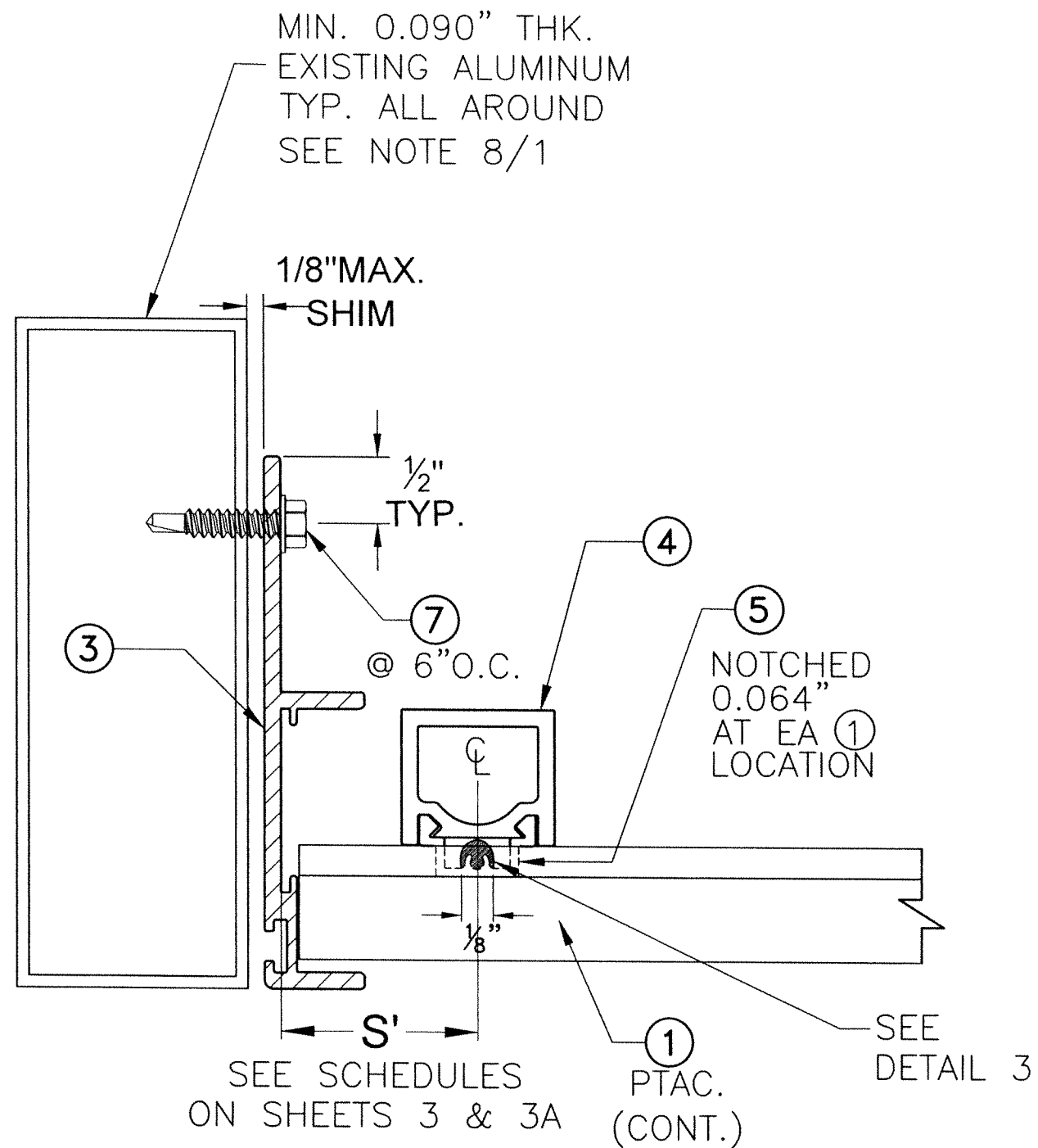
159 GENCO DRIVE
HARTFORD, AL 36344
PHONE: (423)698-7715 FAX: (423)698-6629

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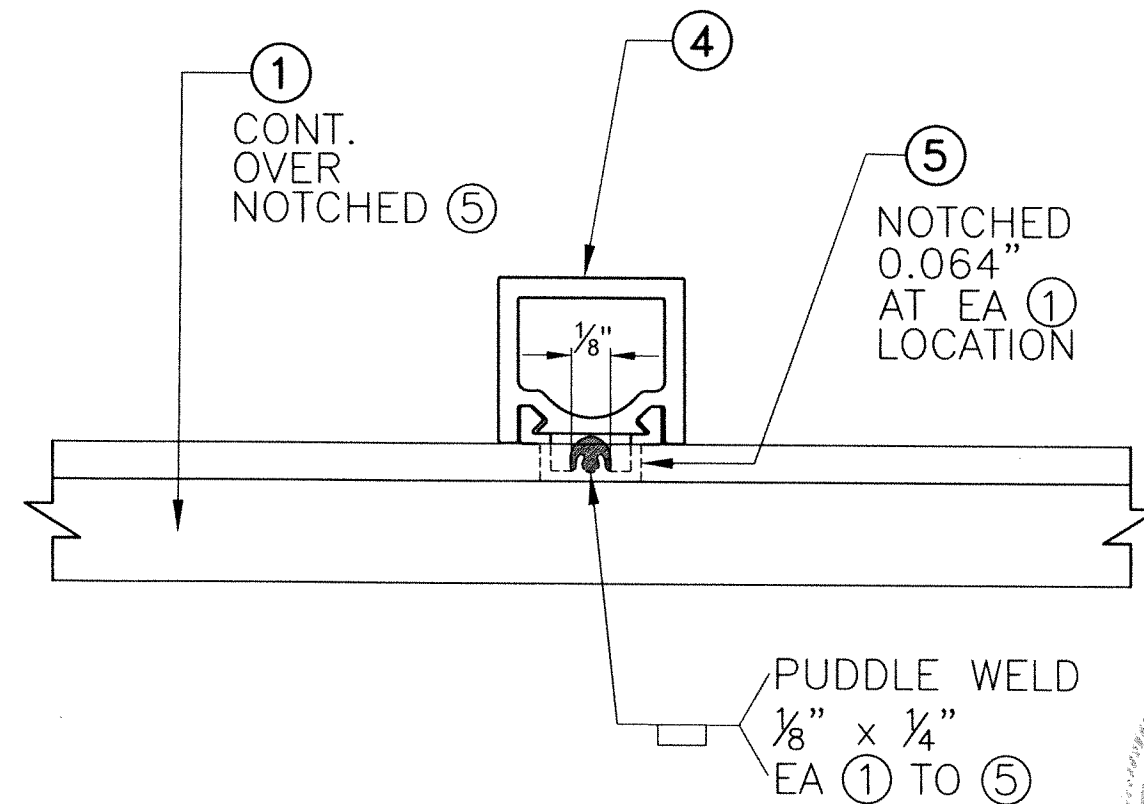
CA-0006719
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FLORIDA Lic. # 44167

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WALTER A. TILLIT Jr. P.E.
FLORIDA Lic. # 44167



DETAIL 2 (PLAN)
JAMB ATTACHMENT
SCALE: N.T.S



DETAIL 3 (PLAN)
SCALE: N.T.S

MODEL PTG-42MD (PTAC) BLADE SYSTEM:
INSIDE-FLUSH MOUNT

FLORIDA BUILDING CODE (HIGH & NON HIGH VELOCITY HURRICANE ZONE)

MODELS PTG-42MD (PTAC) & VTG-30MD (VTAC) ALUMINUM BLADE LOUVER SYSTEMS. (L.M.I.)						W.H. DRAWN BY:		02/07/2024 DATE:	
UNITED ENERTECH HOLDINGS, LLC 159 GENCO DRIVE HARTFORD, AL 36344 PHONE: (423)698-7715 FAX: (423)698-6629						24-015 DRAWING No.		SHEET 5 OF 12	
REV. NO	DESCRIPTION	DATE	REV. NO	DESCRIPTION	DATE				
1	-	-	3	-	-				
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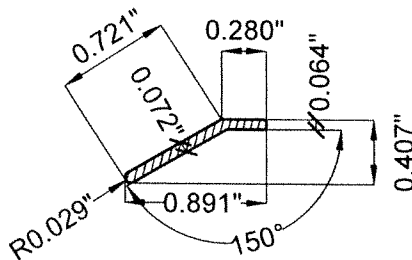
TILLIT TESTING & ENGINEERING COMPANY
6355 N.W. 36th St., Ste. 305, VIRGINIA GARDENS, FL 33166
Phone: (305)871-1531 Fax: (305)871-1531
CA-0006719
WALTER A. TILLIT JR., P.E.
FLORIDA Lic. # 44167

WALTER A. TILLIT JR.
LICENSE
No. 44167
STATE OF FLORIDA
PROFESSIONAL ENGINEER
1/4/2024

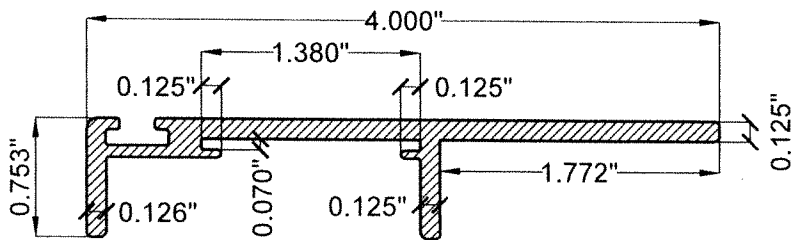
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BILL OF MATERIALS MODEL VTG-30MD (VTAC) BLADE SYSTEM : INSIDE-FLUSH & BUILD-OUT MOUNTS

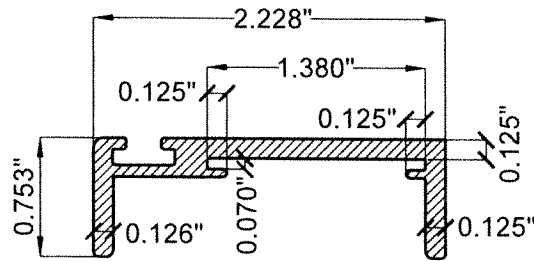
COMPONENT #	DESCRIPTION	MATERIAL	NOTES	LOUVER SYSTEM
②	VTAC - BLADE	6063-T6 ALUMINUM ALLOY/TEMPER	WELDED TO 5. NOTCHED AT EA 1 LOCATION.(SEE SECTION Y1-Y1 ON SHEET 8 & Y2-Y2 ON SHEET 11)	VTAC
③A	CHANNEL FRAME: INSIDE-FLUSH MOUNT	6063-T6 ALUMINUM ALLOY/TEMPER	ALL AROUND, FASTENED W/⑦	VTAC
③B	CHANNEL FRAME: BUILD-OUT MOUNT	6063-T6 ALUMINUM ALLOY/TEMPER	ALL AROUND, FASTENED W/⑦	VTAC
④	TUBE SUPPORT	6063-T6 ALUMINUM ALLOY/TEMPER	INSTALLED VERTICALLY & WELDED TO③B	VTAC
⑤	BRACE BAR	6063-T6 ALUMINUM ALLOY/TEMPER	INSTALLED VERTICALLY	VTAC
⑥	LG CORNER LUG ANGLES	6063-T6 ALUMINUM ALLOY/TEMPER	USE (4) EACH UNIT	VTAC
⑦	1/4-14 X 1" TEK SCREWS	401 S.S.	MANUFACTURED BY ITW/BUILDEX	VTAC
⑧	1/8" POP RIVET	S.S.	USE (2)⑧ (VERT. LEG) TO ③B	VTAC
⑨	JAMB ANGLE FOR ③B	6063-T6 ALUMINUM ALLOY/TEMPER	CONTINUOUS FASTENED W/⑦	VTAC



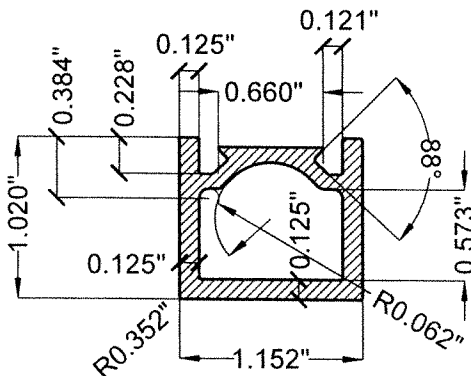
② VTAC BLADE
ALLOY 6063-T6 ALUM



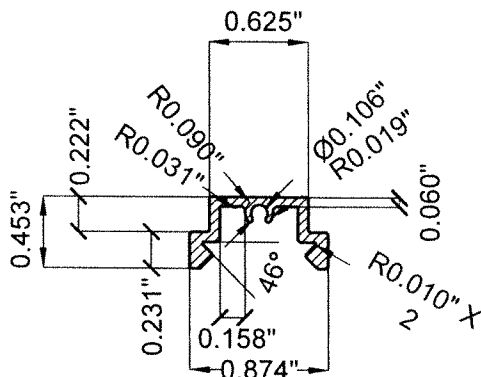
③A CHANNEL FRAME: INSIDE-FLUSH MOUNT
ALLOY 6063-T6 ALUM



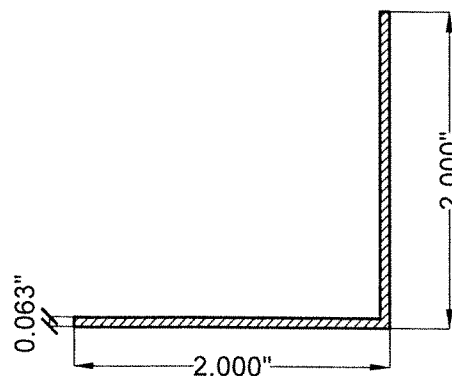
③B CHANNEL FRAME: BUILD OUT-FLUSH MOUNT
ALLOY 6063-T6 ALUM



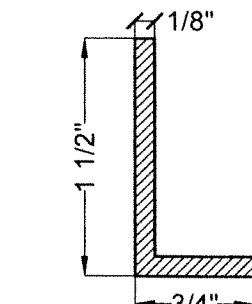
④ TUBE SUPPORT
ALLOY 6063-T6 ALUM



⑤ BRACE BAR
ALLOY 6063-T6 ALUM



⑥ LG CORNER LUG ANGLES
2" X 2" X 0.063" X 1.313"
ALLOY 6063-T6 ALUM



⑨ JAMB ANGLE FOR ③B:
BUILD-OUT MOUNT
3/4" X 1 1/2" X 1/8"
ALLOY 6063-T6 ALUM

COMPONENTS:

MODEL VTG-30MD (VTAC) BLADE SYSTEM: INSIDE-FLUSH & BUILD OUT- FLUSH MOUNTS

SCALE: N.T.S

FLORIDA BUILDING CODE (HIGH & NON HIGH VELOCITY HURRICANE ZONE)

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CA-0006719
WALTER A. TILLIT Jr., P.E.
FLORIDA Lic. # 44167

MODELS PTG-42MD (PTAC) & VTG-30MD (VTAC)
ALUMINUM BLADE LOUVER SYSTEMS. (L.M.I.)

UNITED ENERTECH HOLDINGS, LLC

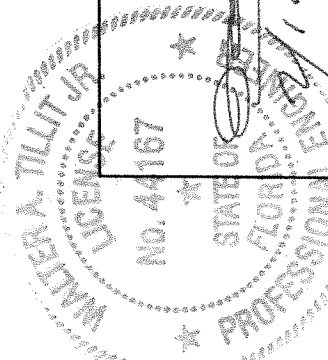
159 GEMCO DRIVE
HARTFORD, AL 36344

PHONE: (423)698-7715 FAX: (423)698-6629

REV. NO. DESCRIPTION DATE REV. NO. DESCRIPTION DATE

1 - - - 2 - - -

P.E. SEAL/SIGNATURE/DATE



W.H.

DRAWN BY:

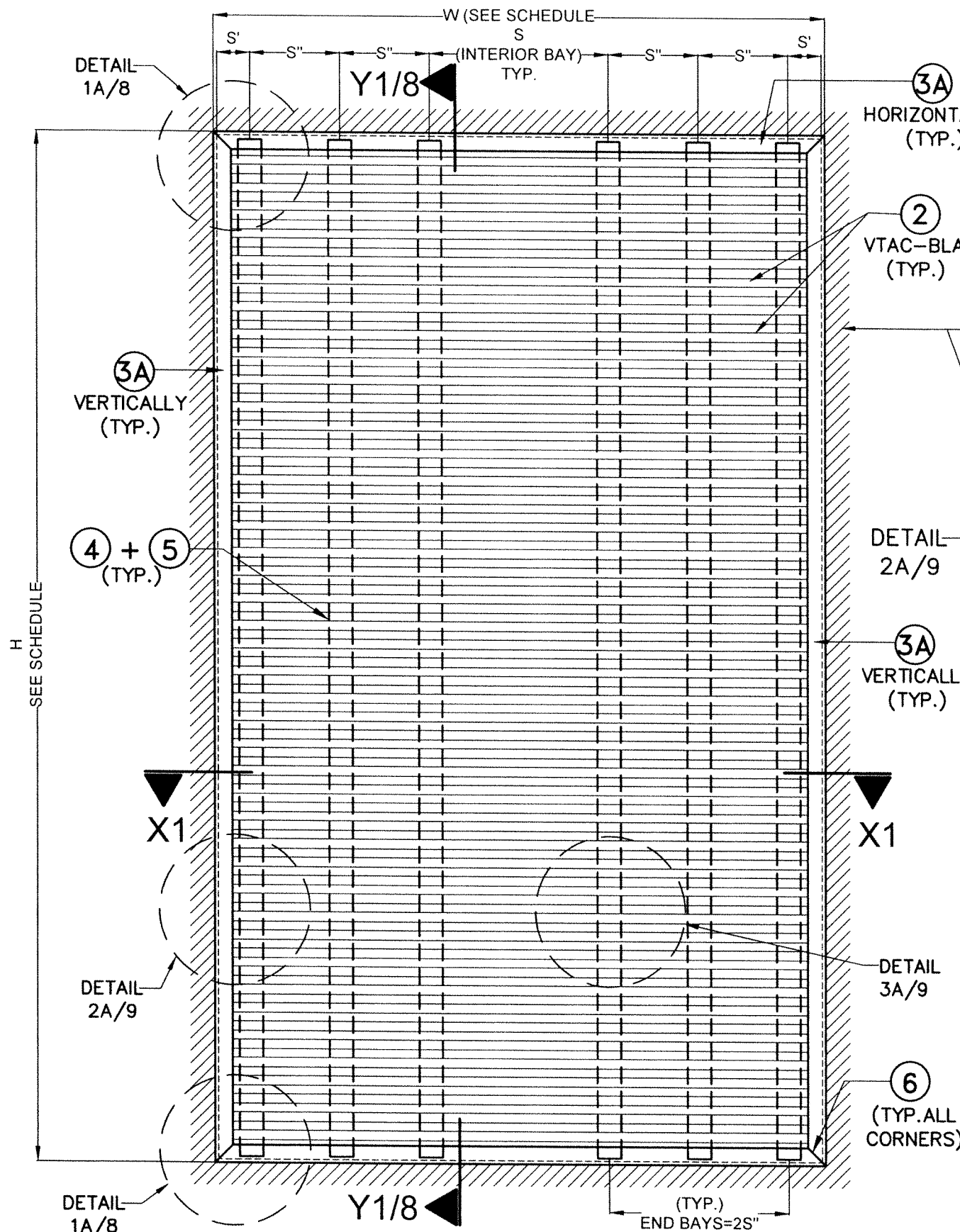
02/07/2024

DATE:

24-015

DRAWING NO.

SHEET 6 OF 12



(3A)
HORIZONTALLY
(TYP.)

(2)
VTAC-BLADE
(TYP.)

MIN. 0.090" THK.
EXISTING ALUMINUM
TYP. ALL AROUND
SEE NOTE 8/1

(3A)
VERTICALLY
(TYP.)

DETAIL
2A/9

(3A)
VERTICALLY
(TYP.)

SECTION X1-X1
SCALE: N.T.S

MODEL VTG-30MD (VTAC):MAX. DIMENSIONS SCHEDULE

CASE	W	H	S	S'	S''
MAX.	36"	54"	11"	1 13/16"	5 3/4"

LEGEND:

- S= TYPICAL MAX (4) + (5) INTERIOR SPACING FAR FROM ENDS BAYS
S'= TYPICAL MAX (4) + (5) FIRST/LAST DISTANCE TO JAMBS (3)
S''= TYPICAL MAX (4) + (5) SPACING AT END BAYS.

(6)
(TYP. ALL CORNERS)

(2)
VTAC-BLADE
(TYP.)

MIN. 0.090" THK.
EXISTING ALUMINUM
TYP. ALL AROUND
SEE NOTE 8/1

DETAIL
3A/9

(4) + (5)
(TYP.)

(TYP.)
END BAY=2S"

TYPICAL ELEVATION FOR MODEL VTG-30MD (VTAC) BLADE SYSTEM W/ (3A)
INSIDE-FLUSH MOUNT W/MAX. PRODUCTS DIMENSIONS
SCALE: N.T.S

FLORIDA BUILDING CODE (HIGH & NON HIGH VELOCITY HURRICANE ZONE)

W.H.
DRAWN BY:
02/07/2024
DATE:

24-015
DRAWING NO.
SHEET 7 OF 12

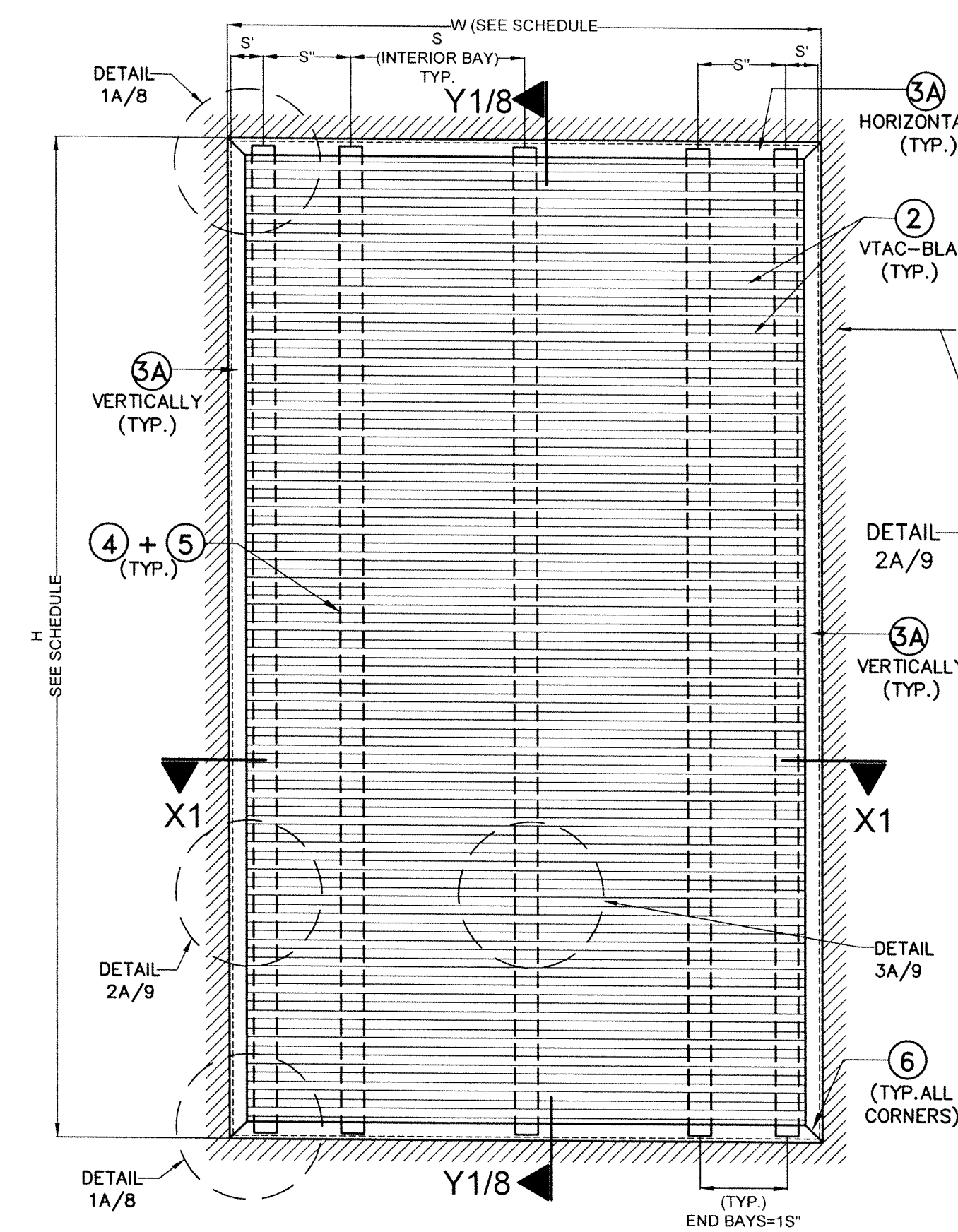
MODELS PTG-42MD (PTAC) & VTG-30MD (VTAC)
ALUMINUM BLADE LOUVER SYSTEMS. (L.M.I.)

UNITED ENERTECH HOLDINGS, LLC
159 GEMCO DRIVE
HARTFORD, AL 36344
PHONE: (423)698-7715 FAX: (423)698-6629

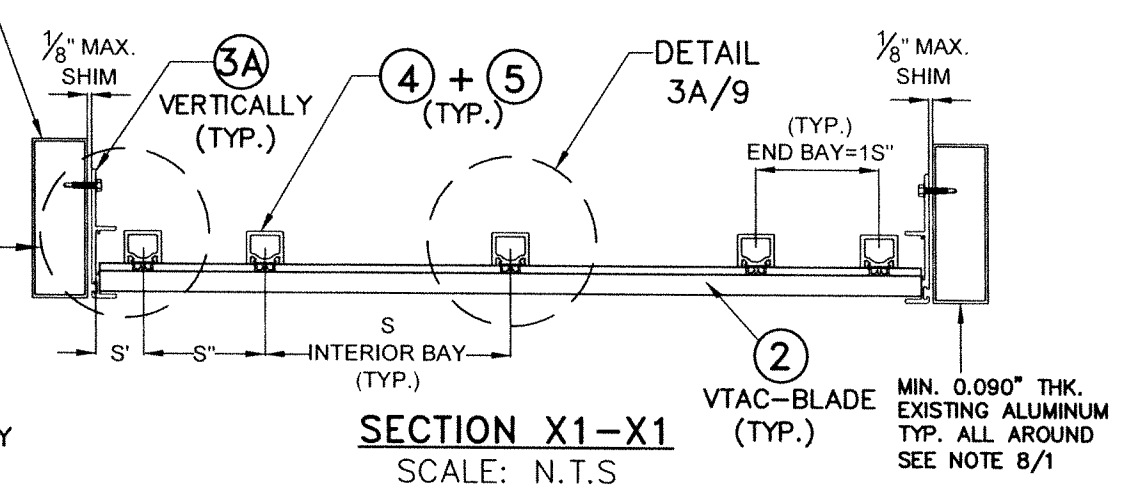
TILECO INC.
TILLIT TESTING & ENGINEERING COMPANY
6355 N.W. 36th St., Ste. 305, VIRGINIA GARDENS, FL 33166
Phone: (305)871-1530 Fax: (305)871-1531
CA-0006719
WALTER A. TILLIT Jr. P.E.
FLORIDA Lic. # 44167

WALTER A. TILLIT JR.
P.E.
No. 44167
FLORIDA
PROFESSIONAL ENGINEER
1/9/2024

P.E. SEAL/SIGNATURE/DATE



MIN. 0.090" THK.
EXISTING ALUMINUM
TYP. ALL AROUND
SEE NOTE 8/1



MODEL VTG-30MD (VTAC):MIN. DIMENSIONS SCHEDULE

CASE	W	H	S	S'	S''
MIN.	20"	24"	4 1/8"	1 7/8"	3 7/16"

LEGEND:

- S= TYPICAL MIN. (4) + (5) INTERIOR SPACING FAR FROM ENDS BAYS
- S'= TYPICAL MIN. (4) + (5) FIRST/LAST DISTANCE TO JAMBS (3)
- S''= TYPICAL MIN. (4) + (5) SPACING AT END BAYS.

TYPICAL ELEVATION FOR MODEL VTG-30MD (VTAC) BLADE SYSTEM W/ (3A)
INSIDE-FLUSH MOUNT W/MIN. PRODUCT DIMENSIONS
SCALE: N.T.S

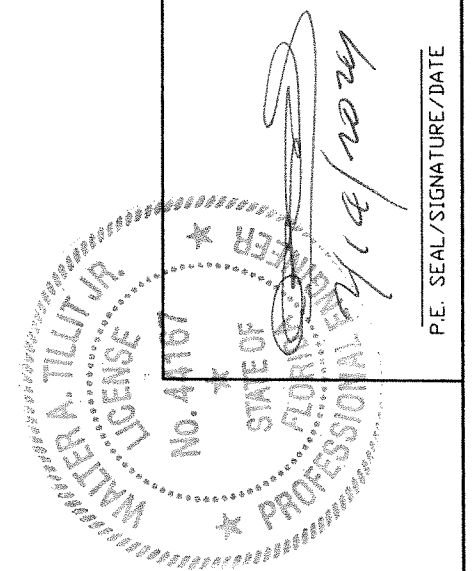
FLORIDA BUILDING CODE (HIGH & NON HIGH VELOCITY HURRICANE ZONE)

MODELS PTG-42MD (PTAC) & VTG-30MD (VTAC) ALUMINUM BLADE LOUVER SYSTEMS. (L.M.I.)

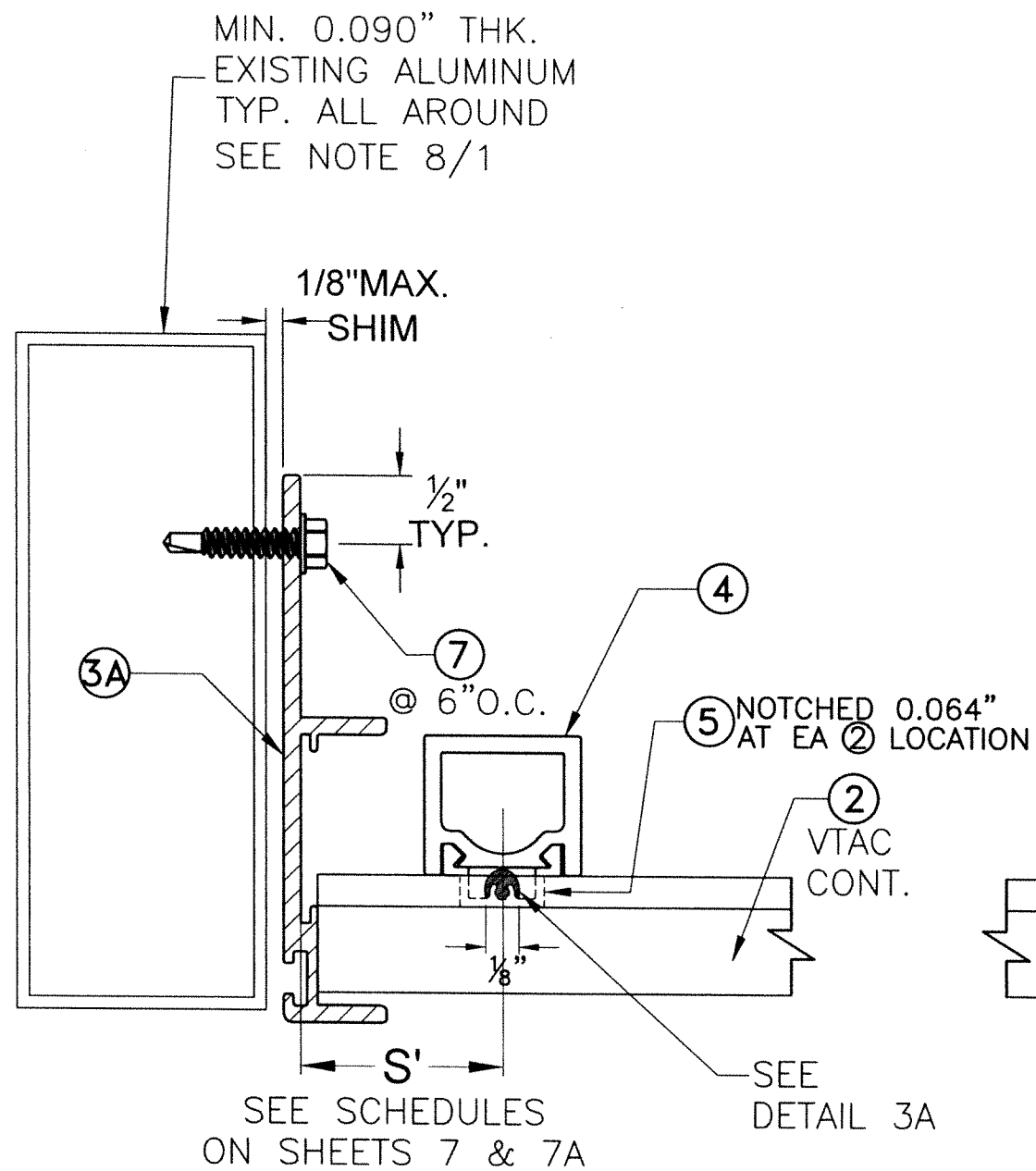
UNITED ENERTECH HOLDINGS, LLC
159 GEMCO DRIVE
HARTFORD, AL 36344
PHONE: (423)698-7715 FAX: (423)698-6629

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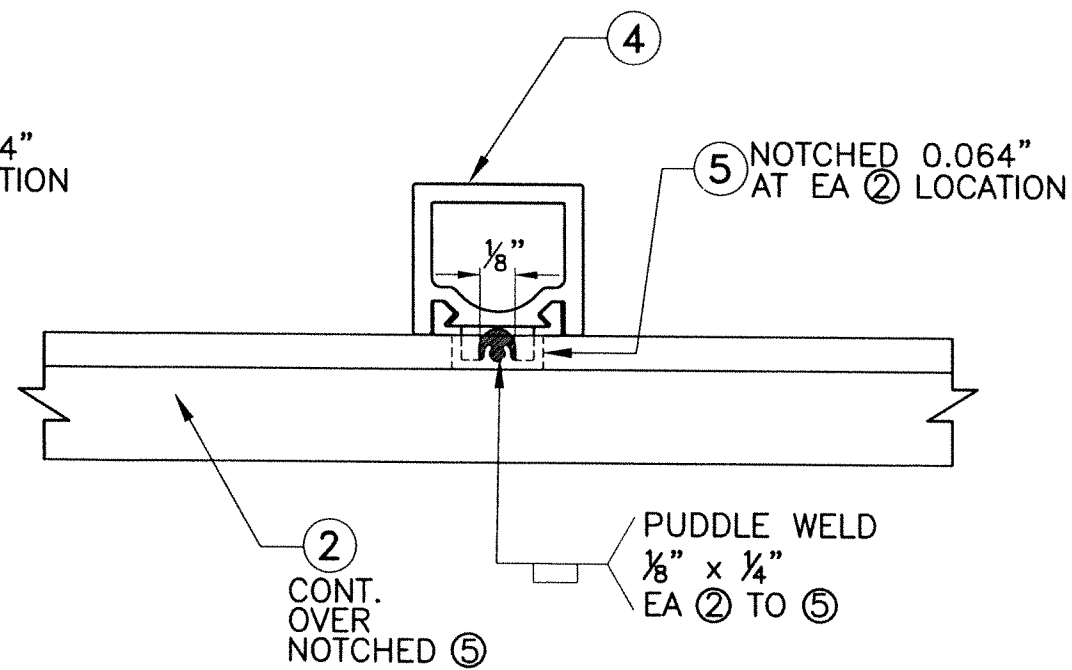
W.H. DRAWN BY: 02/07/2024 DATE: 24-015 DRAWING NO. SHEET 7A OF 12



P.E. SEAL/SIGNATURE/DATE



DETAIL 2A (PLAN)
JAMB ATTACHMENT
SCALE: N.T.S



DETAIL 3A (PLAN)
SCALE: N.T.S

MODEL VTG-30MD (VTAC) BLADE SYSTEM:
INSIDE-FLUSH MOUNT W/③A

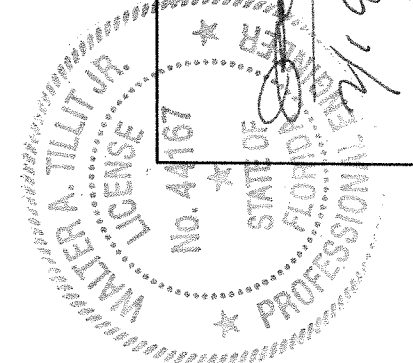
FLORIDA BUILDING CODE (HIGH & NON HIGH VELOCITY HURRICANE ZONE)

MODELS PTG-42MD (PTAC) & VTG-30MD (VTAC) ALUMINUM BLADE LOUVER SYSTEMS. (L.M.I.)				W.H. DRAWN BY:		02/07/2024 DATE:	
UNITED ENERTECH HOLDINGS, LLC 159 Genco Drive HARTFORD, AL 36344 PHONE: (423)698-7715 FAX: (423)698-6629				24-015 DRAWING No.			
REV. NO	DESCRIPTION	DATE	REV. No	DESCRIPTION	DATE		
1	-	-	3	-	-		
2	-	-	4	-	-	SHEET 9 OF 12	

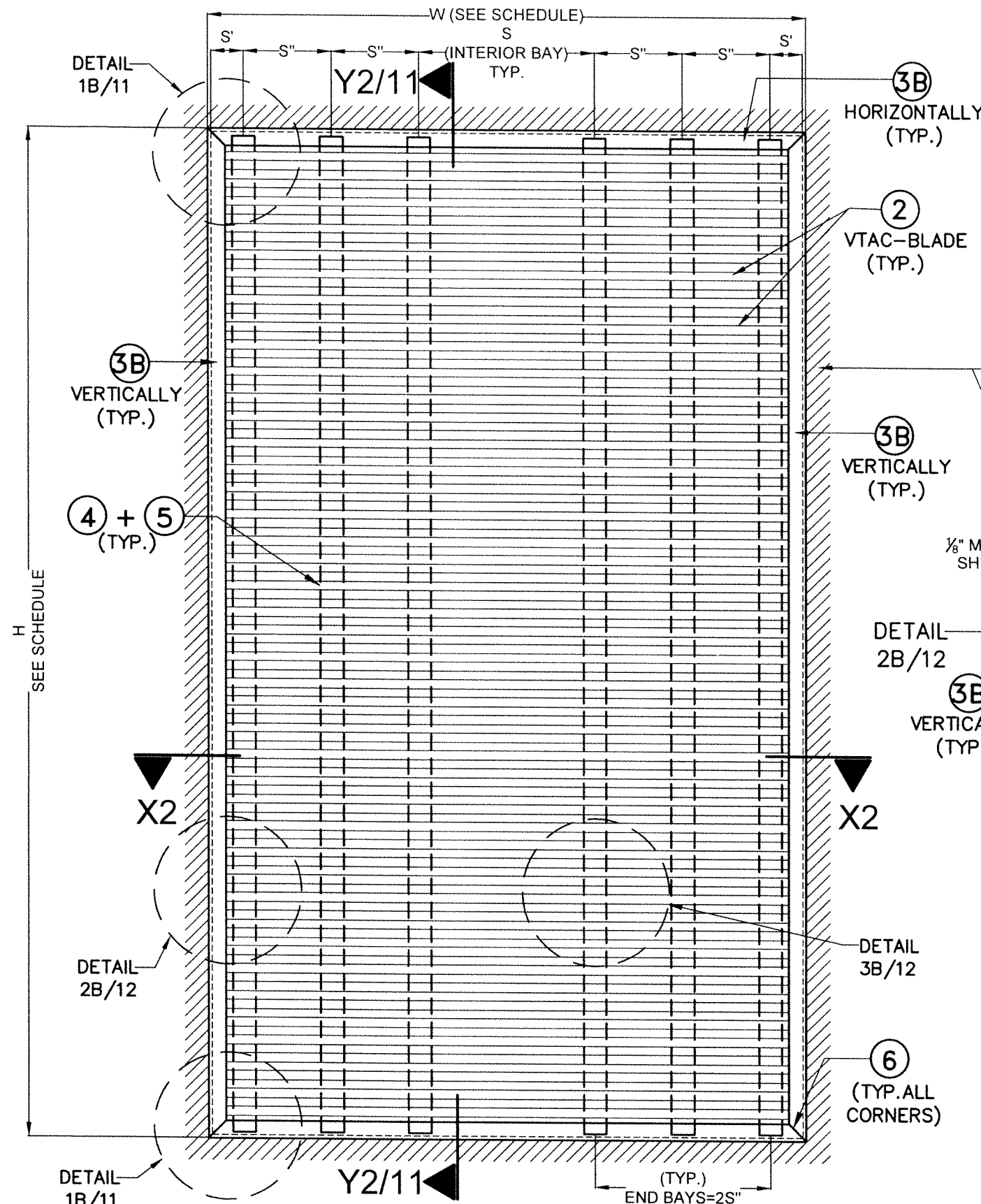
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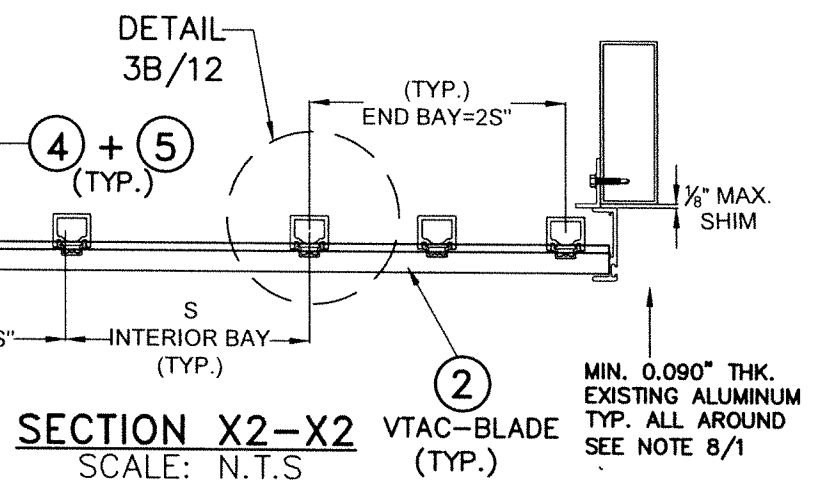
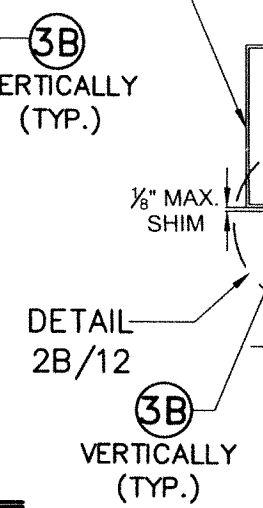
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6355 N.W. 36th St., Ste. 305, VIRGINIA GARDENS, FL 33166
Phone : (305)871-1530 Fax : (305)871-1531
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FLORIDA Lic. # 44167



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MIN. 0.090" THK.
EXISTING ALUMINUM
TYP. ALL AROUND
SEE NOTE 8/1



MODEL VTG-30MD (VTAC):MAX. DIMENSIONS SCHEDULE

CASE	W	H	S	S'	S''
MAX.	36 1/8"	54"	10 15/16"	1 13/16"	5 13/16"

LEGEND:

- S= TYPICAL MAX (4) + (5) INTERIOR SPACING FAR FROM ENDS BAYS
- S'= TYPICAL MAX (4) + (5) FIRST/LAST DISTANCE TO JAMBS (3)
- S''= TYPICAL MAX (4) + (5) SPACING AT END BAYS.

TYPICAL ELEVATION FOR MODEL VTG-30MD (VTAC) BLADE SYSTEM W/ (3B) BUILD OUT-FLUSH MOUNT W/MAX. PRODUCT DIMENSIONS
SCALE: N.T.S

FLORIDA BUILDING CODE (HIGH & NON HIGH VELOCITY HURRICANE ZONE)

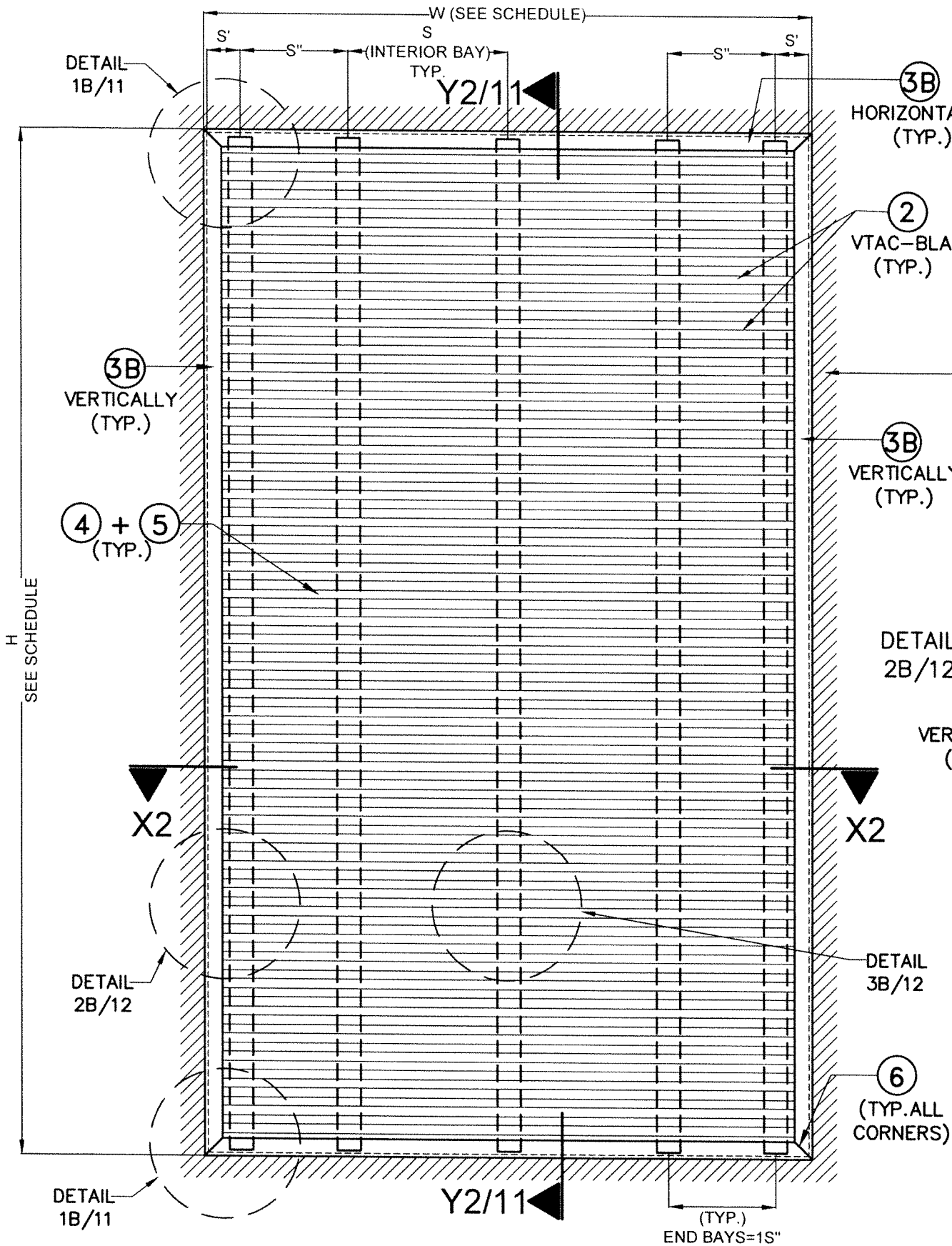
MODELS PTG-42MD (PTAC) & VTG-30MD (VTAC)
ALUMINUM BLADE LOUVER SYSTEMS. (L.M.I.)

UNITED ENERTECH HOLDINGS, LLC
159 GENCO DRIVE
HARTFORD, AL 36344
PHONE: (423)698-7715 FAX: (423)698-6629

REV. NO	DESCRIPTION	DATE	REV. NO	DESCRIPTION	DATE
1			3		
2			4		

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FLORIDA Lic. # 44167

WALTER A. TILLIT JR.
No. 44167
STATE OF FLORIDA
PROFESSIONAL ENGINEER
P.E. SEAL/SIGNATURE/DATE



TYPICAL ELEVATION FOR MODEL VTG-30MD (VTAC) BLADE SYSTEM W/ 3B
BUILD OUT-FLUSH MOUNT W/MIN. PRODUCT DIMENSIONS
 SCALE: N.T.S

3B
HORIZONTALLY
(TYP.)

2
VTAC-BLADE
(TYP.)

3B
VERTICALLY
(TYP.)

3B
VERTICALLY
(TYP.)

DETAIL
3B/12

6
(TYP. ALL
CORNERS)

MIN. 0.090" THK.
EXISTING ALUMINUM
TYP. ALL AROUND
SEE NOTE 8/1

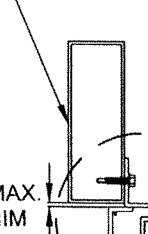
3B
VERTICALLY
(TYP.)

DETAIL
2B/12

3B
VERTICALLY
(TYP.)

DETAIL
3B/12

6
(TYP. ALL
CORNERS)



4 + 5
(TYP.)

DETAIL
3B/12

INTERIOR BAY
(TYP.)

2
VTAC-BLADE
(TYP.)

MIN. 0.090" THK.
EXISTING ALUMINUM
TYP. ALL AROUND
SEE NOTE 8/1

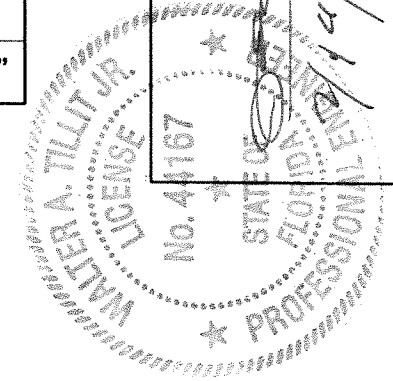
SECTION X2-X2
 SCALE: N.T.S

MODEL VTG-30MD (VTAC):MIN. DIMENSIONS SCHEDULE

CASE	W	H	S	S'	S''
MIN.	20 1/16"	24"	5 3/16"	1 15/16"	3 7/16"

LEGEND:

- S= TYPICAL MIN. 4 + 5 INTERIOR SPACING FAR FROM ENDS BAYS
- S'= TYPICAL MIN. 4 + 5 FIRST/LAST DISTANCE TO JAMBS 3
- S''= TYPICAL MIN. 4 + 5 SPACING AT END BAYS.



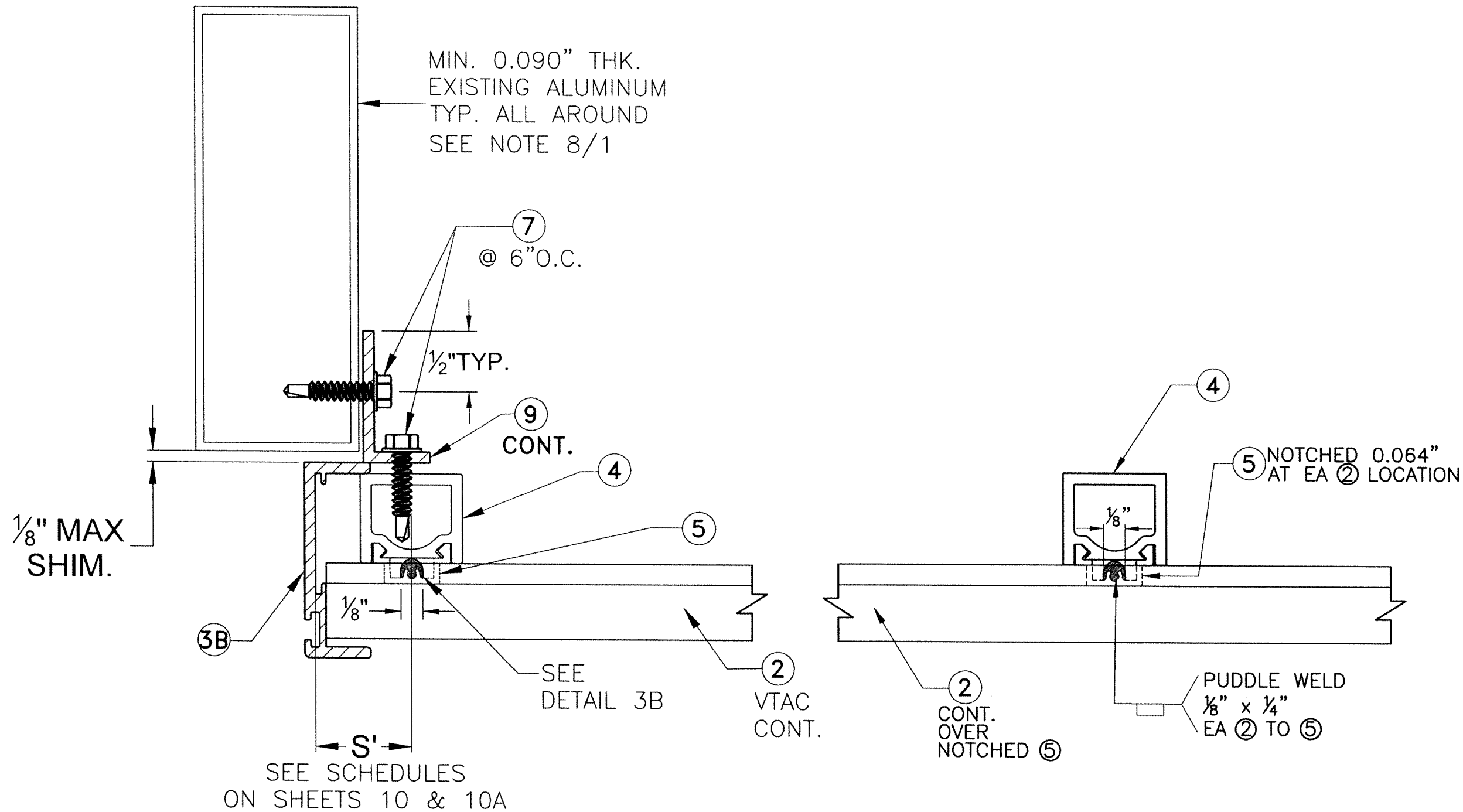
FLORIDA BUILDING CODE (HIGH & NON HIGH VELOCITY HURRICANE ZONE)

MODELS PTG-42MD (PTAC) & VTG-30MD (VTAC)
 ALUMINUM BLADE LOUVER SYSTEMS. (L.M.I.)

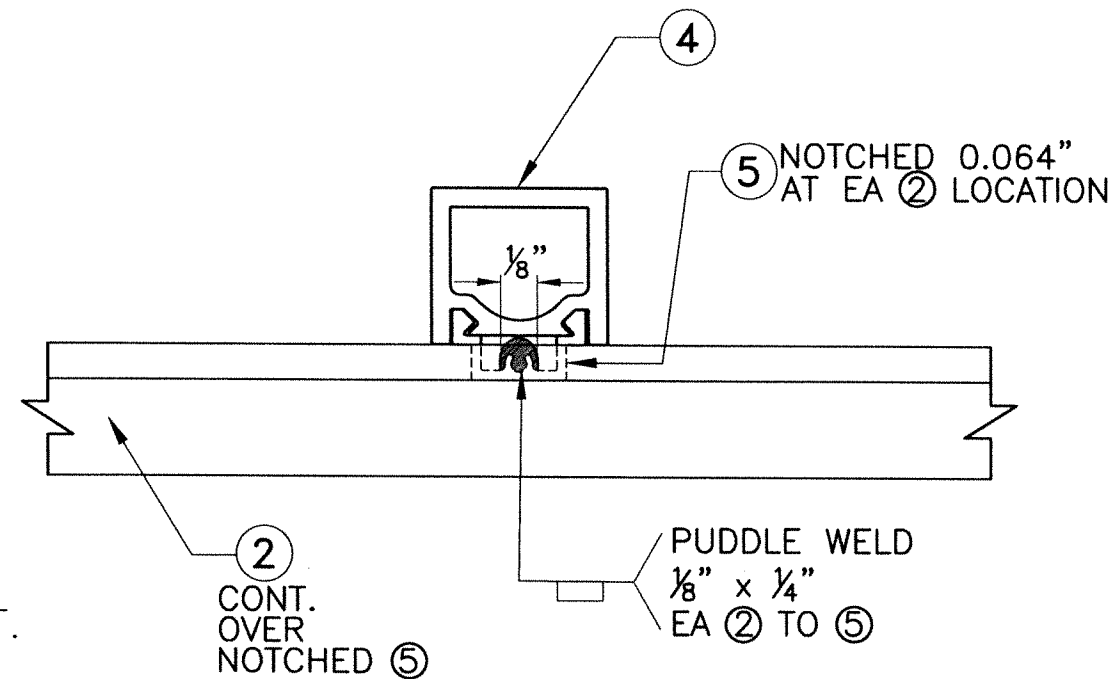
UNITED ENERTECH HOLDINGS, LLC
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W.H. DRAWN BY: 02/07/2024 DATE: 24-015 DRAWING NO. SHEET 10A OF 12

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DETAIL 2B (PLAN)
JAMB ATTACHMENT
 N.T.S.



DETAIL 3B (PLAN)
 SCALE: N.T.S

MODEL VTG-30MD (VTAC) BLADE SYSTEM:
BUILD OUT-FLUSH MOUNT W/3B

FLORIDA BUILDING CODE (HIGH & NON HIGH VELOCITY HURRICANE ZONE)

MODELS PTG-42MD (PTAC) & VTG-30MD (VTAC)
 ALUMINUM BLADE LOUVER SYSTEMS. (L.M.I.)

UNITED ENERTECH HOLDINGS, LLC
 159 GENCO DRIVE
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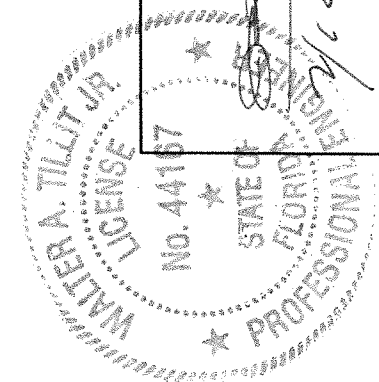
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WALTER A. TILLIT JR., P.E.
 FLORIDA LIC. # 44167



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W.H.
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DATE:
 02/07/2024

24-015
 DRAWING No.

SHEET 12 OF 12

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1	-	-	3	-	-
2	-	-	4	-	-